

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST  
(REVOCATION OF PRIOR POWERS)

Commissioner for Patents P.O. Box 1450  
Alexandria, VA 22313-1450  
Sir:

HITACHI COMMUNICATION TECHNOLOGIES, LTD., as assignee of record of the entire interest of the applications identified in the attached Appendix AA, hereby revoke all powers of attorneys previously given and hereby appoint the following attorneys to prosecute and transact all business in the Patent and Trademark Office connected therewith:

Carl I. Brundidge, Reg. No. 29,621; and  
Daniel J. Stanger, Reg. No. 32,846.


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The undersigned submits that the undersigned has power to act on behalf of the assignee, the evidentiary documents have been reviewed and certifies that, to the best of assignee's knowledge and belief, title is in the assignee seeking to take the action.

Executed this 22 day of June, 2009

HITACHI COMMUNICATION TECHNOLOGIES, LTD.

  
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Name: Toshiaki ATSUMI  
Title: Corporate Officer  
President, Carrier Network Systems Division

## APPENDIX AA

Hitachi Ref #	Atty Ref #	Japan Firm Ref #	SERIALNO
310500675US01	POL-6444	NT2256US	12/097,183
310600219US01	ASA-6736	W3547-01EL	12/300,020
310750586US01	POL-7001	PL4467US	12/391,920
310750706US01	ASA-6979	W5060-01EC	12/368,602
340750776US01	HAS-6393	P1052US	12/121,229
340751063US01	HAS-6921	P1072US	12/360,355
310400777US01	H-1242	310400777US01	11/196,410
340500173US01	H-5373	340500173US01	11/477,450
310600222US01	H-5868	310600222US01	11/776,079
310650015US01	H-5898	310650015US01	11/829,405
310600368US01	H-5925	310600368US01	11/838,555
310750155US01	H-6229	310750155US01	12/034,904
310301053US01	G&P-5304	PCT-210-US	10/579,047
310400776US01	NIT-5195	NT2330US	11/347,294
310500172US01	G&P-5183	P-1571-US	11/347,314
310500680US01	ASA-5446	W3202-01	11/492,893
310650196US01	POL-5950	NT3057US	11/843,706
340300608US02	520.43016VX1	NT1235US2	11/595,852
340300849US04	572.42996CX3	P0728US/CA3	11/898,678
340300849US05	572.42996CX5	P0728US/CA4	12/250,706
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340301127US02	572.44134CX3	P0747US/CA	12/073,382
340400140US02	HAS-102-02	P0781US/CA	11/987,929
340400892US01	NIT-451	NT1907US	11/028,309
340401060US02	572.44642CX1	P0826US/CA1	11/798,517
340401060US03	572.44642CX2	P0826US/CA2	12/271,071
340401345US01	ASA-5083	W2808-01	11/295,666
340401346US02	HAS-105-02	P0835US/CA1	12/326,116
340401461US01	HAS-5341	P0851US	11/445,178
340500333US01	HAS-5248	P0871US	11/391,417
340500403US02	572.42996CP4	P0872US/CA	12/081,255
340500436US02	572.44134CP2	P0874US/CA	12/068,048
340500570US01	NIT-5178	NT2272US	11/342,850
340500596US01	TSM-5492	HT211901	11/511,301
340500642US01	HAS-5380	P0880US	11/476,058
340500912US01	HAS-5543	P0905US	11/546,330
340501002US01	HAS-5468	P0910US	11/508,256
340501139US01	HAS-5513	P0916US	11/527,521
340501169US01	TSM-5589	HT213901	11/561,551
340501486US01	POL-5580	NT2673US	11/560,171
340600373US01	POL-5848	NT2941US	11/766,882
340750262US01	POL-6271	NT3327US	12/039,379
340750401US01	POL-6474	PL4150US	12/146,726
340750402US01	HAS-6341	P1028US	12/103,262
340750652US01	POL-6479	PL4158US	12/147,813
340501359US01	HAS-6811	P0920US	12/303,424